

Title (en)

A kit for implanting prosthetic vascular conduits

Title (de)

Kit zur Implantation von prothetischen Gefäßleitungen

Title (fr)

Kit pour l'implantation de conduits vasculaires prosthétiques

Publication

EP 2842517 A1 20150304 (EN)

Application

EP 14182536 A 20111229

Priority

- EP 14182536 A 20111229
- EP 11425310 A 20111229

Abstract (en)

This is a method for assembling a prosthetic valved conduit. A kit (1) is provided including: a prosthetic valve (V) having an annular portion (SR); a prosthetic vascular conduit (40), a collar member (42) including a cuff (420) that is radially contractible to engage the annular portion of the valve (V); a holder device (2) including a shaft (4) and a hub (12), the prosthetic vascular conduit (40) being fitted on the holder device (2) so that a portion of the conduit (40) adjacent to the cuff (420) wraps around a receiving portion (28) of the hub; The prosthetic heart valve (V) is advanced the into the receiving portion. Then the sleeve member (48) is slid away from the hub (12) to cause the cuff (420) wrap around the annular portion (SR); eventually securing the cuff (420) is secured around the annular portion (SR) by radially contracting the cuff (V).

IPC 8 full level

A61F 2/24 (2006.01)

CPC (source: EP US)

A61F 2/2427 (2013.01 - EP US); **A61F 2/243** (2013.01 - US); **A61F 2/2436** (2013.01 - US); **A61F 2/9522** (2020.05 - EP);
A61F 2/06 (2013.01 - EP US); **A61F 2/064** (2013.01 - EP US); **A61F 2/2409** (2013.01 - EP US); **A61F 2/9522** (2020.05 - US);
Y10T 29/49412 (2015.01 - EP US)

Citation (applicant)

US 5713953 A 19980203 - VALLANA FRANCO [IT], et al

Citation (search report)

- [A] US 2010274351 A1 20101028 - ROLANDO GIOVANNI [IT], et al
- [A] US 2006095117 A1 20060504 - POPELAR CARL F [US], et al
- [A] US 2006085060 A1 20060420 - CAMPBELL LOUIS A [US]
- [A] US 2011022165 A1 20110127 - OBA TRAVIS Z [US], et al

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

EP 2609893 A1 20130703; EP 2609893 B1 20140903; EP 2842517 A1 20150304; ES 2523223 T3 20141124; US 2013172991 A1 20130704;
US 2014188217 A1 20140703; US 8685084 B2 20140401; US 9138314 B2 20150922; WO 2013098739 A1 20130704

DOCDB simple family (application)

EP 11425310 A 20111229; EP 14182536 A 20111229; ES 11425310 T 20111229; IB 2012057598 W 20121221; US 201213729636 A 20121228;
US 201414176533 A 20140210